## 40 CFR Ch. I (7-1-09 Edition)

## Pt. 63, Subpt. EEEE, Table 3

If you own or operate	And if	Then you must
		<li>ii. During the loading of organic liquids, comply with the work practice stand- ards specified in item 3.a of table 4 to this subpart.</li>

 $[69~\mathrm{FR}~5063,~\mathrm{Feb}.~3,~2004,~\mathrm{as~amended~at}~71~\mathrm{FR}~42913,~\mathrm{July}~28,~2006;~73~\mathrm{FR}~21830,~\mathrm{Apr}.~23,~2008]$ 

# Table 3 to Subpart EEEE of Part 63—Operating Limits—High Throughput Transfer Racks

As stated in \$63.2346(e), you must comply with the operating limits for existing, reconstructed, or new affected sources as follows:

structed, or new affected sources as follows:		
For each existing, each reconstructed, and each new affected source using	You must	
A thermal oxidizer to comply with an emission limit in table 2 to this subpart.	Maintain the daily average fire box or combustion zone temperature greater than or equal to the reference temperature established during the design evaluation or performance test that demonstrated compliance with the emission limit.	
A catalytic oxidizer to comply with an emission limit in table 2 to this subpart.	<ul> <li>a. Replace the existing catalyst bed before the age of the bed exceeds the maximum allowable age established during the design evaluation or performance test that demonstrated compliance with the emission limit; AND</li> <li>b. Maintain the daily average temperature at the inlet of the catalyst bed greater than or equal to the reference temperature established during the design evaluation or performance test that demonstrated compliance with the emission limit; AND</li> </ul>	
2. An absorbanta assessing with an arrivalent	c. Maintain the daily average temperature difference across the catalyst bed greater than or equal to the minimum temperature difference established during the design evaluation or performance test that demonstrated compliance with the emission limit.	
An absorber to comply with an emission limit in table 2 to this subpart.	<ul> <li>a. Maintain the daily average concentration level of organic compounds in the absorber exhaust less than or equal to the reference concentration established during the design evaluation or performance test that demonstrated compliance with the emission limit; OR</li> </ul>	
	b. Maintain the daily average scrubbing liquid temperature less than or equal to the reference temperature established during the design evaluation or performance test that demonstrated compliance with the emission limit; AND	
	Maintain the difference between the specific gravities of the saturated and fresh scrubbing fluids greater than or equal to the difference established during the design evaluation or performance test that demonstrated compliance with the emission limit.	
A condenser to comply with an emission limit in table 2 to this subpart.	<ul> <li>a. Maintain the daily average concentration level of organic compounds at the con- denser exit less than or equal to the reference concentration established during the design evaluation or performance test that demonstrated compliance with the emission limit; OR</li> </ul>	
	b. Maintain the daily average condenser exit temperature less than or equal to the reference temperature established during the design evaluation or performance test that demonstrated compliance with the emission limit.	
<ol> <li>An adsorption system with adsorbent re- generation to comply with an emission limit in table 2 to this subpart.</li> </ol>	a. Maintain the daily average concentration level of organic compounds in the adsorber exhaust less than or equal to the reference concentration established during the design evaluation or performance test that demonstrated compliance with the emission limit; OR	
	b. Maintain the total regeneration stream mass flow during the adsorption bed re- generation cycle greater than or equal to the reference stream mass flow estab- lished during the design evaluation or performance test that demonstrated com- pliance with the emission limit; AND	
	Before the adsorption cycle commences, achieve and maintain the temperature of the adsorption bed after regeneration less than or equal to the reference tem- perature established during the design evaluation or performance test that dem- onstrated compliance with the emission limit; AND	
An adsorption system without adsorbent	Achieve a pressure reduction during each adsorption bed regeneration cycle greater than or equal to the pressure reduction established during the design evaluation or performance test that demonstrated compliance with the emission limit.  a. Maintain the daily average concentration level of organic compounds in the	
regeneration to comply with an emission limit in table 2 to this subpart.	adsorber exhaust less than or equal to the reference concentration established during the design evaluation or performance test that demonstrated compliance with the emission limit; OR	
	b. Replace the existing adsorbent in each segment of the bed with an adsorbent that meets the replacement specifications established during the design evaluation or performance test before the age of the adsorbent exceeds the maximum allowable age established during the design evaluation or performance test that demonstrated compliance with the emission limit; AND	

## Pt. 63, Subpt. EEEE, Table 4

## **Environmental Protection Agency**

For each existing, each reconstructed, and each new affected source using	You must
7. A flare to comply with an emission limit in table 2 to this subpart.  8. Another type of control device to comply with an emission limit in table 2 to this subpart.	Maintain the temperature of the adsorption bed less than or equal to the reference temperature established during the design evaluation or performance test that demonstrated compliance with the emission limit.  a. Comply with the equipment and operating requirements in §63.987(a); AND b. Conduct an initial flare compliance assessment in accordance with §63.987(b); AND c. Install and operate monitoring equipment as specified in §63.987(c). Submit a monitoring plan as specified in §63.995(c) and 63.2366(b), and monitor the control device in accordance with that plan.

 $[69 \; \mathrm{FR} \; 5063, \; \mathrm{Feb.} \; 3, \; 2004, \; \mathrm{as} \; \mathrm{amended} \; \mathrm{at} \; 71 \; \mathrm{FR} \; 42914, \; \mathrm{July} \; 28, \; 2006]$ 

### TABLE 4 TO SUBPART EEEE OF PART 63—WORK PRACTICE STANDARDS

As stated in  $\S63.2346$ , you may elect to comply with one of the work practice standards for existing, reconstructed, or new affected sources in the following table. If you elect to do so, . . .

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For each	You must	
Storage tank at an existing, reconstructed, or new affected source meeting any set of tank capacity and organic HAP vapor pressure criteria specified in table 2 to this subpart, items 1 through 5.	a. Comply with the requirements of 40 CFR part 63, subpart WW (control level 2), if you elect to meet 40 CFR part 63, subpart WW (control level 2) requirements as an alternative to the emission limit in table 2 to this subpart, items 1 through 5; OR  b. Comply with the requirements of §63.984 for routing emissions to a fuel gas system or back to a process; OR  c. Comply with the requirements of §63.2346(a)(4) for vapor balancing emissions to the transport vehicle from which the storage tank is filled.	
<ol><li>Storage tank at an existing, reconstructed, or new affected source meeting any set of tank capacity and organic HAP vapor pressure criteria specified in table 2 to this subpart, item 6.</li></ol>	a. Comply with the requirements of §63.984 for routing emissions to a fuel gas system or back to a process; OR     b. Comply with the requirements of §63.2346(a)(4) for vapor balancing emissions to the transport vehicle from which the storage tank is filled.	
<ol><li>Transfer rack subject to control based on the criteria speci- fied in table 2 to this subpart, items 7 through 10, at an ex- isting, reconstructed, or new affected source.</li></ol>	a. If the option of a vapor balancing system is selected, install and, during the loading of organic liquids, operate a system that meets the requirements in table 7 to this subpart, item 3.b.i and item 3.b.ii, as applicable; OR     b. Comply with the requirements of §63.984 during the loading of organic liquids, for routing emissions to a fuel gas system	
Pump, valve, and sampling connection that operates in organic liquids service at least 300 hours per year at an existing, reconstructed, or new affected source.	or back to a process.  Comply with the requirements for pumps, valves, and sampling connections in 40 CFR part 63, subpart TT (control level 1), subpart UU (control level 2), or subpart H.	
<ol> <li>Transport vehicles equipped with vapor collection equipment that are loaded at transfer racks that are subject to control based on the criteria specified in table 2 to this subpart, items 7 through 10.</li> </ol>	Follow the steps in 40 CFR 60.502(e) to ensure that organic liquids are loaded only into vapor-tight transport vehicles, and comply with the provisions in 40 CFR 60.502(f), (g), (h), and (j), except substitute the term transport vehicle at each occurrence of tank truck or gasoline tank truck in those paragraphs.	
<ol><li>Transport vehicles equipped without vapor collection equip- ment that are loaded at transfer racks that are subject to control based on the criteria specified in table 2 to this sub- part, items 7 through 10.</li></ol>	Ensure that organic liquids are loaded only into transport vehi- cles that have a current certification in accordance with the U.S. DOT pressure test requirements in 49 CFR 180 (cargo tanks) or 49 CFR 173.31 (tank cars).	

[71 FR 42915, July 28, 2006]